

CLAIMS

1. A valve having a valve body, two inlet ports for receiving fluid at respective different pressures, an outlet port for delivering said fluid, a valve member mounted for limited movement within said body, and biasing means for biasing said valve member to move to one limit of its movement, said valve member being operable to move in response to the difference in pressure at said first and second ports and in response to said biasing means for causing the valve member to vary the respective contributions of fluid delivered to the outlet port from the inlet ports.
2. A valve according to Claim 1, wherein the valve body contains a further movable valve member which is operable for receiving fluid from isolating control means and, in response thereto, for moving to close off one of said inlet ports and for urging the first mentioned valve member to close off the other inlet port.
3. A valve according to Claim 2, wherein said valve members are movable relative to one another and to said valve body in directions aligned with the same axis extending through the valve body.
4. A valve according to Claim 2, wherein the first-mentioned valve member is journaled for movement on a spindle fixed to the further valve member and extending in the direction of said axis.
5. A valve according to Claim 4, wherein said biasing means is a compression spring.

6. A valve according to Claim 5, wherein said compression spring is engaged between said first-mentioned valve member and a spring engaging member fixed with respect to the further valve member.
7. A valve according to any one of Claims 2 to 6, wherein the valve body comprises portions defining first, second and third valve seating surfaces, said first-mentioned valve member comprising oppositely directed surfaces for engaging respective ones of said first and second seating surfaces for closing respective ones of said inlet ports, and said further valve member comprising a surface for engaging said third seating surface for causing both inlet ports to become closed.
8. A valve according to Claim 7, wherein one or both of the first and second valve seating surfaces is shaped for forming high clearance contact with the respective valve member surface.
9. A valve according to any one of Claims 1 to 7, wherein one or both of the first and second valve seating surfaces comprises apertures, for example slots, for causing a desired variation in fluid flow through the gap between the valve seating surface and the valve member surface.
10. A valve having a valve body and a valve member comprising respective seating surfaces for moving one with respect to another to control the flow of fluid through the valve, one or both of said surfaces comprising apertures, for example slots, for causing a desired variation in fluid flow as the seating surfaces move as aforesaid.